

**APPOINTMENT OF POWER OF ATTORNEY
BY ASSIGNEE OF ENTIRE INTEREST**

BIOGAL Gyógyszergyár Rt., as assignee of the entire right, title, and interest in the application for patent entitled **PREPARATION OF 1H-IMIDAZO [4,5-C] QUINOLIN-4-AMINES VIA NOVEL 1H-IMIDAZO [4,5-C] QUINOLIN-4-CYANO AND 1H-IMIDAZO [4,5-C] QUINOLIN-4-CARBOXAMIDE INTERMEDIATES**, the specification of which was filed as U.S. Serial No. 10/628,927 on July 28, 2003, does hereby appoint Charles R. Brainard (Reg. No. 21,069), Patrick J. Birde (Reg. No. 29,770), Steven J. Lee (Reg. No. 31,272), John B. Starr, Jr. (Reg. No. 44,474), Siu K. Lo (Reg. No. 46,877), Payam Moradian (Reg. No. 52,048), Craig L. Puckett (Reg. No. 43,023), Dana Ziker (Reg. No. 54,567), Paul Johnson (Reg. No. 35,559), Neil M. McCarthy (Reg. No. 43,435), W. David Wallace (Reg. No. 42,210), Amy L. Hulina (Reg. No. 41,556) and Zeba Ali (Reg. No. 51,392), as its attorneys/agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

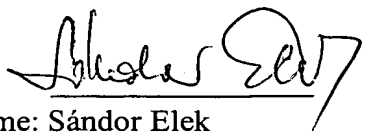
Steven J. Lee, Esq.
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New York, New York 10004-1050

CUSTOMER NUMBER 26646

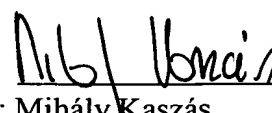
Please direct all telephone calls to Steven J. Lee at (212) 425-7200.

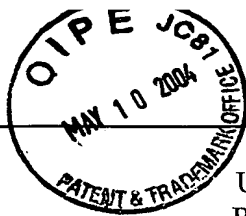
BIOGAL Gyógyszergyár Rt.
Pallagi 13, H-4042 Debrecen,
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Dated: April 7, 2004

By: 
Name: Sándor Elek
Title: Manager of API Division

Dated: April 7, 2004

By: 
Name: Mihály Kaszás
Title: Head of Department
BIOGAL GYÓGYSZERGYÁR
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701.



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

CERTIFICATE UNDER 37 C.F.R. 3.73(b)

Docket Number
2664/60803 (formerly 12670/60803)

Application Number
10/628,927

Filing Date
July 28, 2003

Examiner
Not Yet Assigned

Art Unit
1614

Invention Title
PREPARATION OF 1H-IMIDAZO [4,5-C]
QUINOLIN-4-AMINES VIA NOVEL 1H-IMIDAZO
[4,5-C] QUINOLIN-4-CYANO AND 1H-IMIDAZO
[4,5-C] QUINOLIN-4-CARBOXAMIDE
INTERMEDIATES

Inventor(s)
V. Merli, et al.

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

BIOGAL Gyógyszergyár Rt., certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

☒ A chain of title from the inventors of the patent application identified above, to the current assignee as shown below:

1. From Valeriano MERLI, Silvia MANTOVANI, and Stefano BIANCHI to Teva Pharmaceutical Industries Ltd. The document was mailed to the United States Patent and Trademark Office for recording on November 13, 2003, copy attached.
2. From Teva Pharmaceutical Industries Ltd to BIOGAL Gyógyszergyár Rt., which is being mailed to the United States Patent and Trademark Office for recording concurrently herewith, copy attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date : 6 May 04

Name : Patrick J. Birde

Title : Attorney of Record (Reg. No. 29,770)

Signature : 

Telephone Number: (212) 908-6452

ASSIGNMENT

WHEREAS, we,

Valeriano MERLI
Via Cesare Battisti N 21
23894 Cremella Lecco, Italy
Citizenship: Italy

Silvia MANTOVANI
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45026 Lendinara, Italy
Citizenship: Italy

Stefano BIANCHI
Via Ronchetto N 20
22100 Breccia Como, Italy
Citizenship: Italy

have made an invention comprising new and useful improvements in **PREPARATION OF 1H-IMIDAZO [4,5-C] QUINOLIN-4-AMINES VIA NOVEL 1H-IMIDAZO [4,5-C] QUINOLIN-4-CYANO AND 1H-IMIDAZO [4,5-C] QUINOLIN-4-CARBOXAMIDE INTERMEDIATES** for which a patent application for Letters Patent of the United States of America and other countries, was filed on **July 28, 2003** as Serial No. **10/628,927**, and

WHEREAS **TEVA PHARMACEUTICAL INDUSTRIES LTD.**, having a place of business at **5 Basel Street, P.O. Box 3190, Petah Tiqva 49131, Israel**, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges in the patent application hereinafter recited,

NOW, THEREFORE, for good and valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said invention, said patent application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said invention in any and all countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said invention, or upon said patent application, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said invention or upon said patent application, and every priority right that is or may be predicated upon or arise from said invention, said patent application, and said Letters Patent(s).

2. Authorize Assignee to file patent applications in any or all countries for said invention in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as Assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said invention, patent application, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said invention; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals on the dates indicated:

Date: 08-10-03

Valeriano Merli
Valeriano MERLI

Date: 08/10/2003

Silvia Mantovani
Silvia MANTOVANI

Date: 09/10/03

Stefano Bianchi
Stefano BIANCHI

ASSIGNMENT

WHEREAS, **TEVA PHARMACEUTICAL INDUSTRIES LTD.**, a corporation having a place of business at **5 Basel Street, P.O. Box 3190, Petah Tiqva 49131, Israel**, and who, together with its successors, assigns and legal representatives, is hereinafter called "Assignor", owns the entire right, title and interest in and to the applications for Letters Patents of the United States of America and elsewhere, listed in the attached Schedule, and to the inventions described and claimed therein; and

WHEREAS, **BIOGAL Gyógyszergyár Rt.**, having a place of business at **Pallagi 13, H-4042 Debrecen, Hungary**, who, together with its successors, assigns and legal representatives, is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest in and to applications for Letters Patents listed in said Schedule and the inventions therein described and claimed;

NOW, THEREFORE, for valuable consideration furnished by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns, sells and transfers unto the said Assignee, its successors and assigns, the entire right, title and interest in and to the said patent applications and the inventions therein contained, including the right to apply for any Letters Patent in any and all countries on the inventions, and any Letters Patent that may issue thereon or therefor, in the United States and elsewhere, and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patent may be issued, the same to be held and enjoyed by Assignee, its successors and assigns, the same as it would have been held and enjoyed by Assignor if this Assignment had not been made; together with all claims or damages by reason of past infringement of said patents and applications; with the right to sue for, and collect the same for its own use and for the use of its successors and assigns.

IN TESTIMONY WHEREOF, **TEVA PHARMACEUTICAL INDUSTRIES LTD.** has

hereunto set its hand and seal this 18 day of March, 2004.

TEVA PHARMACEUTICAL INDUSTRIES LTD.

By: [Signature]

Name: Yehudah Lyneh

Title: Director of Patents

By: [Signature]

Name: Uzi Karniel

Title: General Counsel and Corporate Secretary

WITNESSED BY:

Einat Peleg
Signature

Einat Peleg
Name

5 Bazel st. Petah. Tiquva, Israel
Address

IN TESTIMONY WHEREOF, **BIOGAL Gyógyszergyár Rt.** has hereunto set its hand and

seal this 7 day of April, 2004.

BIOGAL Gyógyszergyár Rt.

By: [Signature]

Name: Sándor Elek

Title: Manager of API Division

By: [Signature]

Name: Mihály Kaszás

Title: Head of Department

WITNESSED BY:

[Signature]
Signature

ZSOLT ÁGNI
Name

H-4042 DEBRECEN
Address PALLAGI u. 13.
HUNGARY

BIOGAL GYÓGYSZERGYÁR
RÉSZVÉNYTÁRSASÁG
701.

SCHEDULE

UNITED STATES PATENT APPLICATIONS

<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>	<u>Title</u>
10/628,927	July 28, 2003	V. Merli S. Mantovani S. Bianchi	PREPARATION OF 1H- IMIDAZO [4,5-C] QUINOLIN- 4-AMINES VIA NOVEL 1H- IMIDAZO [4,5-C] QUINOLIN- 4-CYANO AND 1H-IMIDAZO [4,5-C] QUINOLIN-4- CARBOXAMIDE INTERMEDIATES
10/626,036	July 23, 2003	V. Merli S. Mantovani S. Bianchi	PREPARATION OF 1H- IMIDAZO [4,5-C] QUINOLIN- 4-AMINES VIA 1H-IMIDAZO [4,5-C] QUINOLIN-4- PHTHALIMIDE INTERMEDIATES

FOREIGN PATENT APPLICATIONS

<u>Country</u>	<u>Appln No./ Date</u>	<u>Inventor(s)</u>	<u>Title</u>
PCT	PCT/US03/23543 July 28, 2003	V. Merli S. Bianchi S. Mantovani	PREPARATION OF 1H- IMIDAZO [4,5-C] QUINOLIN- 4-AMINES VIA NOVEL 1H- IMIDAZO [4,5-C] QUINOLIN- 4-CYANO AND 1H-IMIDAZO [4,5-C] QUINOLIN-4- CARBOXAMIDE INTERMEDIATES
PCT	PCT/US03/23153 July 23, 2003	V. Merli S. Bianchi S. Mantovani	PREPARATION OF 1H- IMIDAZO [4,5-C] QUINOLIN- 4-AMINES VIA 1H-IMIDAZO [4,5-C] QUINOLIN-4- PHTHALIMIDE INTERMEDIATES